

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION
SAMPLE APPLICATION FORM

FOR RENEWABLE ENERGY SOURCE ELIGIBILITY

Pursuant to New Hampshire Admin. Code Puc 2500 Rules

NOTE: When completing this application electronically, using the "tab" key after completing each answer will move the cursor to the next blank to be filled in. If a question is not applicable to your facility, then check the box next to N/A.

Pursuant to Puc 202, the signed application shall be filed with the Executive Director and Secretary of the New Hampshire Public Utilities Commission (Commission). To ensure that your submitted application is complete, please read RSA 362-F and N.H. Code Admin. Rules Puc 2500 before filling out this application. It is the burden of the applicant to provide timely, accurate and complete information as part of the application process. Any failure by the applicant to provide information in a timely manner may result in the Commission dismissing this application without prejudice.

1. **ELIGIBILITY CLASS APPLIED FOR:** I II III IV

2. Applicant's legal name: HDI I Associates Partnership (Algonquin Power)

3. Address: (1) 2845 Bristol Circle

(2) _____

(3) _____

Oakville (City)	Ontario (State)	L6H7H7 (Zip code)
--------------------	--------------------	----------------------

4. Telephone number: 905-465-4519

5. Facsimile number: 905-465-4514

6. Email address: graham.agnew@algonquinpower.com

7. Facility name: Lochmere Dam

8. Facility location: (1) _____

(2) Silver Lake Road

Lochmere (City)	NH (State)	03252 (Zip code)
--------------------	---------------	---------------------

9. Latitude: 43° 26' 30" Longitude: _____ 71° 35' 17""

10. The name and telephone number of the facility's operator, if different from the owner: Same

(Name) _____ (Telephone number)

11. The ISO-New England asset identification number, if applicable: _____ 904 or N/A:

12. The GIS facility code, if applicable: _____ or N/A:

13. A description of the facility, including fuel type, gross nameplate generation capacity, the initial commercial operation date, and the date it began operation, if different.

14. If Class I certification is sought for a generation facility that uses biomass, the applicant shall submit:

- (a) quarterly average NOx emission rates over the past rolling year,
- (b) the most recent average particulate matter emission rates as required by the New Hampshire Department of Environmental Services (NHDES),
- (c) a description of the pollution control equipment or proposed practices for compliance with such requirements,
- (d) proof that a copy of the completed application has been filed with the NHDES, and
- (e) conduct a stack test to verify compliance with the emission standard for particulate matter no later than 12 months prior to the end of the subject calendar quarter except as provided for in RSA 362-F:12, II.
- (f) N/A: Class I certification is NOT being sought for a generation facility that uses biomass.

15. If Class I certification is sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies to produce energy, the applicant shall:

- (a) demonstrate that it has made capital investments after January 1, 2006 with the successful purpose of improving the efficiency or increasing the output of renewable energy from the facility, and
- (b) supply the historical generation baseline as defined in RSA 362-F:2, X.
- (c) N/A: Class I certification is NOT being sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies.

16. If Class I certification is sought for repowered Class III or Class IV sources, the applicant shall:

- (a) demonstrate that it has made new capital investments for the purpose of restoring unusable generation capacity or adding to the existing capacity, in light of the NHDES environmental permitting requirements or otherwise, and

- (b) provide documentation that eighty percent of its tax basis in the resulting plant and equipment of the eligible generation capacity, including the NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
- (c) N/A: Class I certification is NOT being sought for repowered Class III or Class IV sources.
17. If Class I certification is sought for formerly nonrenewable energy electric generation facilities, the applicant shall:
- (a) demonstrate that it has made new capital investments for the purpose of repowering with eligible biomass technologies or methane gas and complies with the certification requirements of Puc 2505.04, if using biomass fuels, and
- (b) provide documentation that eighty percent of its tax basis in the resulting generation unit, including NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
- (c) N/A: Class I certification is NOT being sought for formerly nonrenewable energy electric generation facilities.
18. If Class IV certification is sought for an existing small hydroelectric facility, the applicant shall submit proof that:
- (a) it has installed upstream and downstream diadromous fish passages that have been required and approved under the terms of its license or exemption from the Federal Energy Regulatory Commission, and
- (b) when required, has documented applicable state water quality certification pursuant to section 401 of the Clean Water Act for hydroelectric projects.
- (c) N/A: Class I certification is NOT being sought for existing small hydroelectric facilities.
19. If the source is located in a control area adjacent to the New England control area, the applicant shall submit proof that the energy is delivered within the New England control area and such delivery is verified using the documentation required in Puc 2504.01(a)(2) a. to e.
20. All other necessary regulatory approvals, including any reviews, approvals or permits required by the NHDES or the environmental protection agency in the facility's state.
21. Proof that the applicant either has an approved interconnection study on file with the commission, is a party to a currently effective interconnection agreement, or is otherwise not required to undertake an interconnection study.
22. A description of how the generation facility is connected to the regional power pool of the local electric distribution utility.
23. A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.
24. A statement as to whether the facility's output has been verified by ISO-New England.

25. A description of how the facility's output is reported to the GIS if not verified by ISO-New England.
26. An affidavit by the owner attesting to the accuracy of the contents of the application.
27. Such other information as the applicant wishes to provide to assist in classification of the generating facility.
28. This application and all future correspondence should be sent to:
Ms. Debra A. Howland
Executive Director and Secretary
State of New Hampshire
Public Utilities Commission
21 S. Fruit St, Suite 10
Concord, NH 03301-2429

29. Preparer's information:

Name: Graham Agnew

Title: Manager, Contract Administration and Operations Analysis

Address: (1) Algonquin Power

(2) 2845 Bristol Circle

(3)

Oakville	(City)	Ontario	L6H7H7
		(State)	(Zip code)

30. Preparer's signature:

Graham Agnew FEB 6/09

Head Office - Algonquin Power **2845 Bristol Circle, Oakville Ontario, Canada L6H 7H7**
905-465-4500 – General Line **905-465-4519 – Graham Agnew direct**

All Companies below use the Oakville address as the Owner address

None of these sites below has been certified under **another** non-federal jurisdiction's renewable energy portfolio standard. The attached letter from PSNH verifies this.

HDI I Associates Partnership (Lochmere GS) (SESD#040) (ISO 904)

Location: Tilton, NH

Market Area: Real Time Hourly LMP 4002 .Z. NEWHAMPSHIRE – LOAD ZONE

Gross Capacity: 1200kW

In Service Date: August 5, 1983

The Lochmere Hydroelectric Generating Facility is a 1,200 kilowatt hydroelectric generating facility located on the Winnipesaukee River in the Village of Lochmere, within the city limits of Tilton, New Hampshire. The facility consists of a dam, intake canal, intake, powerhouse and tailrace structures and is designed and operated as a run-of-the-river facility. The facility was reconstructed from an old hydroelectric generating facility at the site of an existing dam at the outlet of Winnipesaukee Lake. The site is connected at 3 phase 34.5kV.

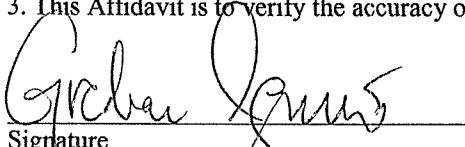
The site is currently being paid at the open market rates from the ISO ID and market zone listed above. A small monthly capacity payment is also being paid as laid out in the PURPA regulations.

COMPETITIVELY SENSITIVE INFORMATION WHEN COMPLETED

Affidavit

I, Graham Agnew, Hydraulics Team Leader, of full age, being duly sworn according to law, depose and say:

1. I am **Graham Agnew** of Algonquin Power and as such I am fully aware of the facts set forth herein and I am authorized to make this affidavit;
2. Algonquin Power as the Owner/Operator of these sites is mandated to submit an application in the New Hampshire Code of Administrative Rules under the PUC Section 2505.02 Application Requirements (a) and (b);
3. This Affidavit is to verify the accuracy of the contents of this application.


Signature

JAN 2, 2009
Date

(Graham Agnew)
Name

MANAGER, CONTINENTAL ADMINISTRATION
Title

HYDRAULICS TEAM LEADER

Notary's Signature

ANNE PATRICIA FRANCIS,
A COMMISSIONER, ETC.,
REGIONAL MUNICIPALITY OF HALTON,
FOR ALGONQUIN POWER INCOME FUND,
EXPIRES JANUARY 14, 2011



Graham Agnew

From: cecchd@nu.com
Sent: August 5, 2008 12:18 PM
To: Graham Agnew
Cc: frasemf@nu.com; vogelcn@nu.com
Subject: RE: ISO-NE GIS or ID numbers

Graham,

All New England projects are listed in the ISO/NEPOOL GIS system. The project owner (Algonquin) has the right to have this account placed in their control otherwise, ISO requires the host utility to be the account holder. You will need to call customer service at ISO-NE on how to proceed.

In looking at the facilities on the GIS website, there is no Renewable Energy information entered.

Diane Cecchetti
Analyst
Supplemental Energy Sources
Public Service Co of N.H.
(603) 634-2888
(603) 634-2449 Fax

"Graham Agnew"
<Graham.Agnew@algonquinpower.com>

Diane G. Cecchetti/NUS@NU

To

07/28/2008 04:02
PM

cc

RE: ISO-NE GIS or ID numbers

Subject

Hi Diane, yes I am putting together an application package and a part of the requirements for this package is:

"a statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof".

How would you suggest I get this proof?

Regards,

Graham Agnew
Hydraulics Team Leader
Algonquin Power Systems
graham.agnew@algonquinpower.com
905-465-4519
905-465-4514 - fax

-----Original Message-----

From: cecchd@nu.com [mailto:cecchd@nu.com]
Sent: July 28, 2008 3:34 PM
To: Graham Agnew

Subject: RE: ISO-NE GIS or ID numbers

Algonquin would be responsible to register and manage these types of accounts. PSNH would only get involved after registration, therefore I would refer you to www.nepoolgis.com or

GIS Program and System Questions Contact:

GIS Administrator- Bryan Gower

Tel: 408-517-2118

Fax: 408-517-2985

gis@apx.com

OR

24 Hr Help Desk- 1-800-924-9889

Diane Cecchetti
Analyst
Supplemental Energy Sources
Public Service Co of N.H.
(603) 634-2888
(603) 634-2449 Fax

"Graham Agnew"

<Graham.Agnew@algonquinpower.com>

To

Diane G. Cecchetti/NUS@NU

CC

07/28/2008 11:42

AM

Subject

RE: ISO-NE GIS or ID numbers

Hi Diane,

Is there anything that you would be able to provide for me that tells the reader that Algonquin is not currently registered under any other renewable standard portfolio?

Regards,

Graham Agnew
Hydraulics Team Leader
Algonquin Power Systems
graham.agnew@algonquinpower.com
905-465-4519

905-465-4514 - fax

-----Original Message-----

From: cecchd@nu.com [mailto:cecchd@nu.com]
Sent: July 15, 2008 12:55 PM
To: Graham Agnew
Subject: Re: ISO-NE GIS or ID numbers

Hi Graham

The Asset ID's are listed below.

Hope all is well

Diane

"Graham Agnew"

<Graham.Agnew@algonquinpower.com>

To

[Diane G. Cecchetti/NUS@NU](mailto:Diane.G.Cecchetti/NUS@NU)

CC

07/15/2008 11:54

AM

Subject

ISO-NE GIS or ID numbers

Hi Diane, I am applying to the ISI-NE for REC's and I need some information that you may be able to help me with.

Do you have the ISO ID number or GIS number for:

Lakeport	892
Mine Falls	869
Milton	868
River Bend	875
Stevens Mill	885
Greggs Falls	866
Pembroke	870
Lochmere	904

Regards,

Graham Agnew
Hydraulics Team Leader
Algonquin Power Systems
graham.agnew@algonquinpower.com
905-465-4519

905-465-4514 - fax

-----Original Message-----

From: cecchd@nu.com [mailto:cecchd@nu.com]
Sent: January 15, 2008 3:58 PM
To: Andy Ling
Cc: Graham Agnew; Michelle Hunt; vogelcn@nu.com; frasemf@nu.com; martide@nu.com
Subject: Re: Fw: Sale of our NE assets to Ashuelot River Hydro

This e-mail, including any files or attachments transmitted with it, is confidential and intended for a specific purpose and for use only by the individual or entity to whom it is addressed. Any disclosure, copying or distribution of this e-mail or the taking of any action based on its contents, other than for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Any views or opinions expressed in this e-mail are not necessarily those of Northeast Utilities, its subsidiaries and affiliates (NU). E-mail transmission cannot be guaranteed to be error-free or secure or free from viruses, and NU disclaims all liability for any resulting damage, errors, or omissions.

706.7.3

BVN

SMALL POWER PRODUCER GENERATION



Public Service of New Hampshire

Public Service of New Hampshire
Supplemental Energy Sources Department
PO Box 330
Manchester, NH 03105-0330

Lochmere Dam

SESD # **040**
Billing Period: **June 2008**

Algonquin Power Fund (America) Inc.
2845 Bristol Circle
Oakville, Ontario, Canada L6H 7H7

Invoice Date **06/20/2008**
Expected Payment Date **07/10/2008**
PO/Acct # **D0045943**
Release #
Tel # **905-465-4519**
Fax # or Email **Doina.Tomescu@algonquinpowe**

Delivery Period: **05/17/2008** through **06/16/2008**

Total Generation Delivered (Kwhrs) **217,741**

Total Short Term Energy Payment **\$ 21,568.32**

The weighted average hourly price for this invoice equals 9.91 ¢/Kwhr

Seasonal Claimed Capability	EFORD	Monthly Capacity	Rate \$/Kw-mo
1025	0.0462	978	\$3.05
1025	x (1 - 0.0462)	= 977.645	x 3.05 =
			\$2,981.82
		Adjustments	\$0.00
		Total Payment Due	\$ 24,550.14

The Energy Payment is based upon the attached hourly NH Zone ISO Clearing Prices.

Notes Included in this invoice is the FCM Value for your project in April as credited by ISO-NE

Approved by: Diane Cecchetti

Date: JUN 20 2008

Please Approve and Submit this Invoice to: Danielle Martineau
PSNH, PO Box 330
Manchester, NH 03105-0330

Please contact Diane Cecchetti at PSNH (603-634-2888), FAX (603-634-2449) with questions.

#040 Lochmere Dam

Energy Payment
\$21,568.32

LOCHMERE DAM 05/17/08 0000 TO 06/16/08 2400
SESD #040

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	Total KW-hrs		217,741
				\$/KWH	ENERGY PAYMENT	
20080517	1	898.499	84.18	8.418	75.64	
20080517	2	898.350	103.24	10.324	92.75	
20080517	3	897.899	84.16	8.416	75.57	
20080517	4	897.449	71.90	7.190	64.53	
20080517	5	897.599	82.32	8.232	73.89	
20080517	6	896.399	87.26	8.726	78.22	
20080517	7	895.800	63.79	6.379	57.14	
20080517	8	895.199	63.77	6.377	57.09	
20080517	9	895.049	97.87	9.787	87.60	
20080517	10	894.599	109.93	10.993	98.34	
20080517	11	893.399	103.20	10.320	92.20	
20080517	12	893.249	86.50	8.650	77.27	
20080517	13	892.950	118.65	11.865	105.95	
20080517	14	892.200	99.43	9.943	88.71	
20080517	15	898.349	99.72	9.972	89.58	
20080517	16	908.999	109.19	10.919	99.25	
20080517	17	908.999	119.15	11.915	108.31	
20080517	18	907.650	121.19	12.119	110.00	
20080517	19	906.749	104.71	10.471	94.95	
20080517	20	906.149	109.80	10.980	99.50	
20080517	21	905.399	148.75	14.875	134.68	
20080517	22	904.200	109.58	10.958	99.08	
20080517	23	904.500	85.30	8.530	77.15	
20080517	24	904.199	84.29	8.429	76.21	
20080518	1	904.200	86.52	8.652	78.23	
20080518	2	903.299	85.35	8.535	77.10	
20080518	3	903.299	84.40	8.440	76.24	
20080518	4	902.999	116.20	11.620	104.93	
20080518	5	902.399	82.89	8.289	74.80	
20080518	6	901.649	81.46	8.146	73.45	
20080518	7	900.299	90.40	9.040	81.39	
20080518	8	900.450	86.75	8.675	78.11	
20080518	9	900.749	122.79	12.279	110.60	
20080518	10	900.449	129.10	12.910	116.25	
20080518	11	899.700	114.89	11.489	103.37	
20080518	12	898.949	128.23	12.823	115.27	
20080518	13	897.899	139.75	13.975	125.48	
20080518	14	897.000	118.58	11.858	106.37	
20080518	15	895.800	113.72	11.372	101.87	
20080518	16	899.100	120.70	12.070	108.52	
20080518	17	898.050	148.74	14.874	133.58	
20080518	18	898.350	204.62	20.462	183.82	
20080518	19	898.949	121.45	12.145	109.18	
20080518	20	898.349	110.00	11.000	98.82	
20080518	21	898.500	130.81	13.081	117.53	
20080518	22	898.199	82.75	8.275	74.33	
20080518	23	897.600	85.29	8.529	76.56	
20080518	24	897.150	84.76	8.476	76.04	
20080519	1	896.850	86.92	8.692	77.95	
20080519	2	896.249	77.31	7.731	69.29	
20080519	3	895.650	70.61	7.061	63.24	
20080519	4	895.650	72.41	7.241	64.85	
20080519	5	895.199	73.83	7.383	66.09	
20080519	6	893.100	52.03	5.203	46.47	
20080519	7	892.049	79.22	7.922	70.67	
20080519	8	891.749	87.78	8.778	78.28	
20080519	9	874.200	83.98	8.398	73.42	
20080519	10	657.299	93.11	9.311	61.20	

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080519	11	659.700	90.23	9.023	59.52
20080519	12	661.799	96.01	9.601	63.54
20080519	13	663.600	92.05	9.205	61.08
20080519	14	665.250	96.93	9.693	64.48
20080519	15	666.149	95.14	9.514	63.38
20080519	16	667.500	114.49	11.449	76.42
20080519	17	667.649	92.73	9.273	61.91
20080519	18	669.150	89.72	8.972	60.04
20080519	19	669.749	85.67	8.567	57.38
20080519	20	670.650	86.18	8.618	57.80
20080519	21	671.999	88.92	8.892	59.75
20080519	22	672.299	88.04	8.804	59.19
20080519	23	671.700	79.67	7.967	53.51
20080519	24	672.149	74.99	7.499	50.40
20080520	1	672.899	65.89	6.589	44.34
20080520	2	672.599	61.17	6.117	41.14
20080520	3	672.899	80.12	8.012	53.91
20080520	4	673.350	62.14	6.214	41.84
20080520	5	673.499	80.11	8.011	53.95
20080520	6	673.499	82.73	8.273	55.72
20080520	7	673.200	112.99	11.299	76.06
20080520	8	673.350	101.02	10.102	68.02
20080520	9	661.799	103.23	10.323	68.32
20080520	10	503.100	146.85	14.685	73.88
20080520	11	488.850	110.38	11.038	53.96
20080520	12	451.199	104.73	10.473	47.25
20080520	13	452.249	104.39	10.439	47.21
20080520	14	453.599	116.06	11.606	52.64
20080520	15	454.800	121.29	12.129	55.16
20080520	16	456.300	112.82	11.282	51.48
20080520	17	457.200	138.38	13.838	63.27
20080520	18	458.099	90.65	9.065	41.53
20080520	19	458.099	89.15	8.915	40.84
20080520	20	458.999	92.29	9.229	42.36
20080520	21	459.899	99.16	9.916	45.60
20080520	22	460.350	88.67	8.867	40.82
20080520	23	460.500	100.11	10.011	46.10
20080520	24	460.800	121.36	12.136	55.92
20080521	1	460.949	137.15	13.715	63.22
20080521	2	460.949	82.87	8.287	38.20
20080521	3	461.399	77.49	7.749	35.75
20080521	4	461.249	45.89	4.589	21.17
20080521	5	461.549	80.36	8.036	37.09
20080521	6	461.549	44.80	4.480	20.68
20080521	7	461.699	59.82	5.982	27.62
20080521	8	461.549	88.37	8.837	40.79
20080521	9	456.899	99.48	9.948	45.45
20080521	10	271.199	110.39	11.039	29.94
20080521	11	271.650	106.75	10.675	29.00
20080521	12	273.150	94.04	9.404	25.69
20080521	13	283.049	100.92	10.092	28.57
20080521	14	282.749	104.83	10.483	29.64
20080521	15	283.950	93.32	9.332	26.50
20080521	16	284.999	89.48	8.948	25.50
20080521	17	285.299	90.29	9.029	25.76
20080521	18	285.899	91.34	9.134	26.11
20080521	19	286.049	88.04	8.804	25.18
20080521	20	286.350	87.97	8.797	25.19
20080521	21	286.049	86.86	8.686	24.85
20080521	22	286.049	86.87	8.687	24.85
20080521	23	286.350	80.39	8.039	23.02
20080521	24	286.350	81.05	8.105	23.21
20080522	1	286.650	64.89	6.489	18.60

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	¢(KWH)	ENERGY PAYMENT
20080522	2	286.500	39.64	3.964	11.36
20080522	3	286.200	83.58	8.358	23.92
20080522	4	286.049	73.68	7.368	21.08
20080522	5	286.049	47.89	4.789	13.70
20080522	6	285.749	52.81	5.281	15.09
20080522	7	285.449	64.69	6.469	18.47
20080522	8	285.150	93.64	9.364	26.70
20080522	9	285.150	90.19	9.019	25.72
20080522	10	255.899	88.59	8.859	22.67
20080522	11	195.899	87.36	8.736	17.11
20080522	12	196.350	83.43	8.343	16.38
20080522	13	196.499	85.68	8.568	16.84
20080522	14	196.949	91.13	9.113	17.95
20080522	15	197.249	99.40	9.940	19.61
20080522	16	197.249	96.20	9.620	18.98
20080522	17	197.549	93.86	9.386	18.54
20080522	18	197.549	90.98	9.098	17.97
20080522	19	197.399	88.82	8.882	17.53
20080522	20	197.549	89.97	8.997	17.77
20080522	21	197.850	92.84	9.284	18.37
20080522	22	197.699	89.84	8.984	17.76
20080522	23	197.549	57.80	5.780	11.42
20080522	24	197.699	69.07	6.907	13.66
20080523	1	197.850	88.65	8.865	17.54
20080523	2	197.549	81.86	8.186	16.17
20080523	3	197.549	72.99	7.299	14.42
20080523	4	197.850	74.76	7.476	14.79
20080523	5	198.000	88.73	8.873	17.57
20080523	6	198.000	74.45	7.445	14.74
20080523	7	198.300	86.89	8.689	17.23
20080523	8	198.299	101.72	10.172	20.17
20080523	9	198.449	101.95	10.195	20.23
20080523	10	198.449	101.57	10.157	20.16
20080523	11	198.899	101.30	10.130	20.15
20080523	12	198.749	94.87	9.487	18.86
20080523	13	198.899	91.41	9.141	18.18
20080523	14	198.599	97.02	9.702	19.27
20080523	15	193.349	100.62	10.062	19.45
20080523	16	192.299	95.63	9.563	18.39
20080523	17	192.000	92.14	9.214	17.69
20080523	18	191.999	89.32	8.932	17.15
20080523	19	192.149	82.64	8.264	15.88
20080523	20	191.850	66.73	6.673	12.80
20080523	21	192.150	88.02	8.802	16.91
20080523	22	192.449	86.25	8.625	16.60
20080523	23	191.999	66.40	6.640	12.75
20080523	24	192.000	74.86	7.486	14.37
20080524	1	192.150	61.75	6.175	11.87
20080524	2	192.150	48.70	4.870	9.36
20080524	3	192.000	65.47	6.547	12.57
20080524	4	192.000	69.85	6.985	13.41
20080524	5	191.850	2.16	0.216	0.41
20080524	6	192.300	0.00	0.000	0.00
20080524	7	192.299	0.00	0.000	0.00
20080524	8	192.599	56.40	5.640	10.86
20080524	9	192.449	86.44	8.644	16.64
20080524	10	192.449	87.30	8.730	16.80
20080524	11	192.749	37.98	3.798	7.32
20080524	12	192.749	83.33	8.333	16.06
20080524	13	192.599	75.32	7.532	14.51
20080524	14	192.749	54.86	5.486	10.57
20080524	15	192.749	58.75	5.875	11.32
20080524	16	192.899	79.87	7.987	15.41

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080524	17	192.899	58.80	5.880	11.34
20080524	18	193.049	84.11	8.411	16.24
20080524	19	193.049	45.95	4.595	8.87
20080524	20	192.899	50.53	5.053	9.75
20080524	21	193.049	89.38	8.938	17.25
20080524	22	193.199	87.34	8.734	16.87
20080524	23	192.749	55.92	5.592	10.78
20080524	24	192.599	59.69	5.969	11.50
20080525	1	192.449	64.24	6.424	12.36
20080525	2	192.449	66.69	6.669	12.83
20080525	3	192.749	28.29	2.829	5.45
20080525	4	192.300	24.72	2.472	4.75
20080525	5	192.449	43.28	4.328	8.33
20080525	6	192.599	56.46	5.646	10.87
20080525	7	192.899	3.05	0.305	0.59
20080525	8	192.899	0.00	0.000	0.00
20080525	9	193.199	0.00	0.000	0.00
20080525	10	193.350	23.15	2.315	4.48
20080525	11	193.199	83.08	8.308	16.05
20080525	12	193.049	75.95	7.595	14.66
20080525	13	193.350	77.20	7.720	14.93
20080525	14	193.350	79.60	7.960	15.39
20080525	15	193.500	52.20	5.220	10.10
20080525	16	193.500	84.35	8.435	16.32
20080525	17	193.649	49.52	4.952	9.59
20080525	18	193.949	38.00	3.800	7.37
20080525	19	194.099	70.72	7.072	13.73
20080525	20	193.949	49.80	4.980	9.66
20080525	21	193.799	69.40	6.940	13.45
20080525	22	193.650	51.43	5.143	9.96
20080525	23	193.499	83.34	8.334	16.13
20080525	24	193.199	74.73	7.473	14.44
20080526	1	193.350	25.79	2.579	4.99
20080526	2	192.899	1.69	0.169	0.33
20080526	3	192.749	0.00	0.000	0.00
20080526	4	192.749	0.00	0.000	0.00
20080526	5	192.749	0.00	0.000	0.00
20080526	6	192.749	65.51	6.551	12.63
20080526	7	193.049	64.02	6.402	12.36
20080526	8	193.200	41.88	4.188	8.09
20080526	9	192.899	27.65	2.765	5.33
20080526	10	192.599	89.25	8.925	17.19
20080526	11	192.449	88.78	8.878	17.09
20080526	12	192.299	85.23	8.523	16.39
20080526	13	193.649	83.93	8.393	16.25
20080526	14	198.150	88.49	8.849	17.53
20080526	15	198.000	94.01	9.401	18.61
20080526	16	197.850	92.12	9.212	18.23
20080526	17	198.299	93.45	9.345	18.53
20080526	18	198.150	94.65	9.465	18.75
20080526	19	198.000	93.81	9.381	18.57
20080526	20	198.150	90.96	9.096	18.02
20080526	21	198.449	106.15	10.615	21.07
20080526	22	196.049	88.42	8.842	17.33
20080526	23	192.000	77.16	7.716	14.81
20080526	24	197.850	50.35	5.035	9.96
20080527	1	198.150	88.58	8.858	17.55
20080527	2	198.299	84.06	8.406	16.67
20080527	3	198.300	78.05	7.805	15.48
20080527	4	198.449	61.55	6.155	12.21
20080527	5	198.449	72.58	7.258	14.40
20080527	6	198.299	66.73	6.673	13.23
20080527	7	198.749	58.42	5.842	11.61

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	¢(KWH)	ENERGY PAYMENT
20080527	8	198.599	99.93	9.993	19.85
20080527	9	198.599	145.49	14.549	28.89
20080527	10	199.049	178.98	17.898	35.63
20080527	11	198.749	330.28	33.028	65.64
20080527	12	198.449	351.91	35.191	69.84
20080527	13	198.599	203.09	20.309	40.33
20080527	14	198.599	222.54	22.254	44.20
20080527	15	198.749	169.04	16.904	33.60
20080527	16	198.899	112.70	11.270	22.42
20080527	17	199.499	175.77	17.577	35.07
20080527	18	199.049	171.07	17.107	34.05
20080527	19	199.350	186.06	18.606	37.09
20080527	20	199.199	119.59	11.959	23.82
20080527	21	199.350	149.06	14.906	29.72
20080527	22	198.749	112.07	11.207	22.27
20080527	23	198.599	89.84	8.984	17.84
20080527	24	198.150	69.74	6.974	13.82
20080528	1	198.299	95.38	9.538	18.91
20080528	2	198.449	86.66	8.666	17.20
20080528	3	198.299	78.60	7.860	15.59
20080528	4	198.000	84.04	8.404	16.64
20080528	5	198.299	136.51	13.651	27.07
20080528	6	198.449	87.10	8.710	17.28
20080528	7	198.749	79.92	7.992	15.88
20080528	8	199.049	93.97	9.397	18.70
20080528	9	198.899	93.86	9.386	18.67
20080528	10	199.049	93.52	9.352	18.62
20080528	11	199.049	91.99	9.199	18.31
20080528	12	198.899	92.47	9.247	18.39
20080528	13	200.099	94.19	9.419	18.85
20080528	14	200.099	97.27	9.727	19.46
20080528	15	200.099	95.10	9.510	19.03
20080528	16	200.249	99.24	9.924	19.87
20080528	17	200.099	103.19	10.319	20.65
20080528	18	199.799	113.82	11.382	22.74
20080528	19	199.650	91.01	9.101	18.17
20080528	20	199.350	92.71	9.271	18.48
20080528	21	199.350	119.18	11.918	23.76
20080528	22	199.049	99.86	9.986	19.88
20080528	23	199.049	88.18	8.818	17.55
20080528	24	199.200	101.50	10.150	20.22
20080529	1	199.199	82.88	8.288	16.51
20080529	2	199.049	77.82	7.782	15.49
20080529	3	199.049	77.59	7.759	15.44
20080529	4	198.899	91.31	9.131	18.16
20080529	5	199.199	87.47	8.747	17.42
20080529	6	199.199	76.53	7.653	15.24
20080529	7	199.350	82.77	8.277	16.50
20080529	8	199.350	86.99	8.699	17.34
20080529	9	199.350	90.94	9.094	18.13
20080529	10	199.199	92.80	9.280	18.49
20080529	11	199.049	122.83	12.283	24.45
20080529	12	197.400	104.22	10.422	20.57
20080529	13	198.299	121.97	12.197	24.19
20080529	14	199.500	117.48	11.748	23.44
20080529	15	199.350	136.84	13.684	27.28
20080529	16	199.499	136.42	13.642	27.22
20080529	17	199.500	124.69	12.469	24.88
20080529	18	199.500	117.20	11.720	23.38
20080529	19	199.800	92.21	9.221	18.42
20080529	20	199.650	113.37	11.337	22.63
20080529	21	200.099	192.83	19.283	38.59
20080529	22	199.799	145.97	14.597	29.16

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/(KWH)	ENERGY PAYMENT
20080529	23	199.350	84.70	8.470	16.88
20080529	24	199.500	78.40	7.840	15.64
20080530	1	199.500	76.13	7.613	15.19
20080530	2	199.499	53.36	5.336	10.65
20080530	3	199.499	106.04	10.604	21.15
20080530	4	199.500	94.10	9.410	18.77
20080530	5	199.500	94.26	9.426	18.80
20080530	6	199.650	63.13	6.313	12.60
20080530	7	199.799	56.91	5.691	11.37
20080530	8	199.949	87.40	8.740	17.48
20080530	9	199.949	112.43	11.243	22.48
20080530	10	199.949	136.03	13.603	27.20
20080530	11	199.949	122.67	12.267	24.53
20080530	12	199.650	105.98	10.598	21.16
20080530	13	199.799	93.01	9.301	18.58
20080530	14	199.799	90.39	9.039	18.06
20080530	15	200.099	112.89	11.289	22.59
20080530	16	200.099	105.95	10.595	21.20
20080530	17	200.099	122.93	12.293	24.60
20080530	18	199.949	119.18	11.918	23.83
20080530	19	199.949	95.73	9.573	19.14
20080530	20	199.650	90.54	9.054	18.08
20080530	21	200.099	112.24	11.224	22.46
20080530	22	200.249	101.79	10.179	20.38
20080530	23	199.949	125.36	12.536	25.07
20080530	24	200.099	140.81	14.081	28.18
20080531	1	199.949	84.97	8.497	16.99
20080531	2	199.949	62.54	6.254	12.50
20080531	3	199.949	78.40	7.840	15.68
20080531	4	199.949	50.36	5.036	10.07
20080531	5	200.099	88.75	8.875	17.76
20080531	6	200.099	84.12	8.412	16.83
20080531	7	200.249	46.40	4.640	9.29
20080531	8	200.699	54.16	5.416	10.87
20080531	9	200.850	102.93	10.293	20.67
20080531	10	201.000	130.13	13.013	26.16
20080531	11	201.000	120.67	12.067	24.25
20080531	12	201.150	109.12	10.912	21.95
20080531	13	201.000	113.93	11.393	22.90
20080531	14	201.000	111.66	11.166	22.44
20080531	15	200.850	113.81	11.381	22.86
20080531	16	200.850	119.82	11.982	24.07
20080531	17	200.699	127.56	12.756	25.60
20080531	18	200.699	123.68	12.368	24.82
20080531	19	200.549	112.25	11.225	22.51
20080531	20	200.399	117.19	11.719	23.48
20080531	21	200.399	136.40	13.640	27.33
20080531	22	200.399	104.70	10.470	20.98
20080531	23	200.099	96.68	9.668	19.35
20080531	24	199.949	97.40	9.740	19.48
20080601	1	199.949	97.98	9.798	19.59
20080601	2	199.799	130.95	13.095	26.16
20080601	3	199.949	172.68	17.268	34.53
20080601	4	199.799	100.99	10.099	20.18
20080601	5	199.650	110.54	11.054	22.07
20080601	6	199.799	33.51	3.351	6.70
20080601	7	199.799	99.18	9.918	19.82
20080601	8	200.099	85.77	8.577	17.16
20080601	9	200.399	80.78	8.078	16.19
20080601	10	200.399	90.21	9.021	18.08
20080601	11	200.399	101.53	10.153	20.35
20080601	12	200.399	139.21	13.921	27.90
20080601	13	199.949	122.88	12.288	24.57

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/(KWH)	ENERGY PAYMENT
20080601	14	199.949	125.24	12.524	25.04
20080601	15	199.949	114.99	11.499	22.99
20080601	16	200.099	104.25	10.425	20.86
20080601	17	200.249	155.42	15.542	31.12
20080601	18	200.249	132.67	13.267	26.57
20080601	19	200.249	97.23	9.723	19.47
20080601	20	200.099	75.14	7.514	15.04
20080601	21	200.099	121.20	12.120	24.25
20080601	22	200.249	125.57	12.557	25.15
20080601	23	199.800	126.63	12.663	25.30
20080601	24	199.650	73.13	7.313	14.60
20080602	1	199.799	98.12	9.812	19.60
20080602	2	199.650	85.73	8.573	17.12
20080602	3	199.650	79.63	7.963	15.90
20080602	4	199.799	65.65	6.565	13.12
20080602	5	199.500	77.40	7.740	15.44
20080602	6	199.799	77.63	7.763	15.51
20080602	7	199.949	78.62	7.862	15.72
20080602	8	199.949	79.71	7.971	15.94
20080602	9	199.949	94.64	9.464	18.92
20080602	10	200.099	96.12	9.612	19.23
20080602	11	200.249	91.65	9.165	18.35
20080602	12	200.099	98.44	9.844	19.70
20080602	13	200.099	99.53	9.953	19.92
20080602	14	200.399	105.67	10.567	21.18
20080602	15	200.249	135.74	13.574	27.18
20080602	16	200.249	119.23	11.923	23.88
20080602	17	200.249	126.68	12.668	25.37
20080602	18	200.099	107.58	10.758	21.53
20080602	19	200.099	91.24	9.124	18.26
20080602	20	199.650	88.43	8.843	17.66
20080602	21	199.799	94.50	9.450	18.88
20080602	22	199.499	105.30	10.530	21.01
20080602	23	199.799	80.00	8.000	15.98
20080602	24	199.650	76.80	7.680	15.33
20080603	1	199.499	30.02	3.002	5.99
20080603	2	199.500	18.38	1.838	3.67
20080603	3	199.650	22.58	2.258	4.51
20080603	4	199.500	26.19	2.619	5.22
20080603	5	199.500	32.16	3.216	6.42
20080603	6	199.799	84.60	8.460	16.90
20080603	7	199.949	65.83	6.583	13.16
20080603	8	199.949	88.93	8.893	17.78
20080603	9	199.949	89.39	8.939	17.87
20080603	10	199.799	91.56	9.156	18.29
20080603	11	200.099	98.34	9.834	19.68
20080603	12	200.099	95.27	9.527	19.06
20080603	13	199.949	91.17	9.117	18.23
20080603	14	200.099	93.94	9.394	18.80
20080603	15	200.099	92.95	9.295	18.60
20080603	16	199.949	91.38	9.138	18.27
20080603	17	199.650	89.31	8.931	17.83
20080603	18	199.799	94.37	9.437	18.86
20080603	19	199.650	98.79	9.879	19.72
20080603	20	199.799	89.93	8.993	17.97
20080603	21	199.799	93.31	9.331	18.64
20080603	22	199.799	88.22	8.822	17.63
20080603	23	199.650	51.61	5.161	10.30
20080603	24	199.650	78.68	7.868	15.71
20080604	1	199.500	118.02	11.802	23.54
20080604	2	199.650	83.05	8.305	16.58
20080604	3	199.650	82.29	8.229	16.43
20080604	4	199.499	42.66	4.266	8.51

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080604	5	199.650	127.59	12.759	25.47
20080604	6	199.800	97.82	9.782	19.54
20080604	7	199.949	77.14	7.714	15.42
20080604	8	199.650	111.81	11.181	22.32
20080604	9	199.199	116.64	11.664	23.23
20080604	10	136.949	111.98	11.198	15.34
20080604	11	200.249	116.14	11.614	23.26
20080604	12	200.249	134.56	13.456	26.95
20080604	13	200.549	112.14	11.214	22.49
20080604	14	200.549	108.99	10.899	21.86
20080604	15	200.549	119.66	11.966	24.00
20080604	16	201.000	115.21	11.521	23.16
20080604	17	201.150	118.72	11.872	23.88
20080604	18	201.299	101.48	10.148	20.43
20080604	19	201.299	98.05	9.805	19.74
20080604	20	201.300	94.98	9.498	19.12
20080604	21	201.299	98.40	9.840	19.81
20080604	22	201.299	91.57	9.157	18.43
20080604	23	201.150	48.96	4.896	9.85
20080604	24	201.299	70.60	7.060	14.21
20080605	1	201.150	102.20	10.220	20.56
20080605	2	201.150	103.18	10.318	20.75
20080605	3	200.850	100.36	10.036	20.16
20080605	4	201.150	68.57	6.857	13.79
20080605	5	201.150	94.34	9.434	18.98
20080605	6	201.449	127.17	12.717	25.62
20080605	7	201.299	79.78	7.978	16.06
20080605	8	201.599	94.40	9.440	19.03
20080605	9	201.449	113.65	11.365	22.89
20080605	10	201.300	124.62	12.462	25.09
20080605	11	201.599	154.97	15.497	31.24
20080605	12	201.449	125.70	12.570	25.32
20080605	13	201.749	110.99	11.099	22.39
20080605	14	201.599	131.71	13.171	26.55
20080605	15	201.150	142.22	14.222	28.61
20080605	16	200.850	136.12	13.612	27.34
20080605	17	200.699	150.45	15.045	30.20
20080605	18	200.699	150.33	15.033	30.17
20080605	19	200.700	139.25	13.925	27.95
20080605	20	200.699	154.09	15.409	30.93
20080605	21	200.699	161.73	16.173	32.46
20080605	22	200.850	147.16	14.716	29.56
20080605	23	200.700	92.36	9.236	18.54
20080605	24	200.549	148.21	14.821	29.72
20080606	1	200.549	87.00	8.700	17.45
20080606	2	200.249	67.61	6.761	13.54
20080606	3	200.399	84.79	8.479	16.99
20080606	4	200.549	56.71	5.671	11.37
20080606	5	200.549	42.64	4.264	8.55
20080606	6	200.549	51.79	5.179	10.39
20080606	7	200.850	96.59	9.659	19.40
20080606	8	200.699	93.83	9.383	18.83
20080606	9	200.699	96.78	9.678	19.42
20080606	10	200.699	102.90	10.290	20.65
20080606	11	200.399	116.90	11.690	23.43
20080606	12	200.399	103.91	10.391	20.82
20080606	13	200.099	97.24	9.724	19.46
20080606	14	200.399	91.22	9.122	18.28
20080606	15	199.949	89.50	8.950	17.90
20080606	16	200.099	90.44	9.044	18.10
20080606	17	199.949	92.21	9.221	18.44
20080606	18	200.099	83.27	8.327	16.66
20080606	19	199.799	49.30	4.930	9.85

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080606	20	199.799	59.56	5.956	11.90
20080606	21	200.099	86.07	8.607	17.22
20080606	22	200.099	54.53	5.453	10.91
20080606	23	199.650	23.20	2.320	4.63
20080606	24	199.650	34.12	3.412	6.81
20080607	1	199.499	19.86	1.986	3.96
20080607	2	199.500	2.88	0.288	0.57
20080607	3	199.650	0.00	0.000	0.00
20080607	4	199.500	0.00	0.000	0.00
20080607	5	199.350	0.00	0.000	0.00
20080607	6	199.500	0.00	0.000	0.00
20080607	7	199.500	0.00	0.000	0.00
20080607	8	199.650	0.00	0.000	0.00
20080607	9	199.650	33.47	3.347	6.68
20080607	10	199.949	26.57	2.657	5.31
20080607	11	199.949	45.25	4.525	9.05
20080607	12	199.650	44.37	4.437	8.86
20080607	13	199.799	47.78	4.778	9.55
20080607	14	199.949	70.11	7.011	14.02
20080607	15	200.099	57.60	5.760	11.53
20080607	16	200.099	87.27	8.727	17.46
20080607	17	200.399	66.15	6.615	13.26
20080607	18	200.249	63.44	6.344	12.70
20080607	19	200.549	86.52	8.652	17.35
20080607	20	200.549	92.78	9.278	18.61
20080607	21	200.399	94.58	9.458	18.95
20080607	22	200.249	95.31	9.531	19.09
20080607	23	199.949	94.01	9.401	18.80
20080607	24	200.099	92.20	9.220	18.45
20080608	1	199.949	97.13	9.713	19.42
20080608	2	199.949	89.70	8.970	17.94
20080608	3	199.799	30.22	3.022	6.04
20080608	4	199.799	45.17	4.517	9.02
20080608	5	199.799	23.84	2.384	4.76
20080608	6	199.800	0.00	0.000	0.00
20080608	7	199.800	0.00	0.000	0.00
20080608	8	200.399	0.00	0.000	0.00
20080608	9	200.399	95.28	9.528	19.09
20080608	10	200.699	122.06	12.206	24.50
20080608	11	200.549	167.13	16.713	33.52
20080608	12	200.699	181.98	18.198	36.52
20080608	13	201.150	170.49	17.049	34.29
20080608	14	201.000	117.39	11.739	23.60
20080608	15	201.150	170.30	17.030	34.26
20080608	16	201.299	178.21	17.821	35.87
20080608	17	201.150	133.05	13.305	26.76
20080608	18	201.450	126.39	12.639	25.46
20080608	19	201.300	194.44	19.444	39.14
20080608	20	200.999	236.90	23.690	47.62
20080608	21	201.299	181.95	18.195	36.63
20080608	22	201.000	169.67	16.967	34.10
20080608	23	201.000	104.82	10.482	21.07
20080608	24	200.699	99.89	9.989	20.05
20080609	1	201.150	104.44	10.444	21.01
20080609	2	200.850	92.31	9.231	18.54
20080609	3	200.850	74.48	7.448	14.96
20080609	4	200.699	45.90	4.590	9.21
20080609	5	200.850	74.59	7.459	14.98
20080609	6	201.000	40.41	4.041	8.12
20080609	7	201.299	95.76	9.576	19.28
20080609	8	201.299	132.34	13.234	26.64
20080609	9	201.449	143.44	14.344	28.90
20080609	10	201.449	149.73	14.973	30.16

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080609	11	201.599	185.21	18.521	37.34
20080609	12	201.599	177.25	17.725	35.73
20080609	13	201.449	175.65	17.565	35.38
20080609	14	201.449	186.57	18.657	37.58
20080609	15	201.449	198.10	19.810	39.91
20080609	16	201.299	264.77	26.477	53.30
20080609	17	201.299	353.85	35.385	71.23
20080609	18	201.299	200.01	20.001	40.26
20080609	19	201.150	190.84	19.084	38.39
20080609	20	200.850	182.39	18.239	36.63
20080609	21	201.150	175.35	17.535	35.27
20080609	22	200.999	135.36	13.536	27.21
20080609	23	201.150	98.95	9.895	19.90
20080609	24	201.299	138.27	13.827	27.83
20080610	1	201.000	88.12	8.812	17.71
20080610	2	201.449	33.82	3.382	6.81
20080610	3	201.449	44.19	4.419	8.90
20080610	4	201.299	55.67	5.567	11.21
20080610	5	201.299	95.99	9.599	19.32
20080610	6	201.150	74.06	7.406	14.90
20080610	7	201.150	57.29	5.729	11.52
20080610	8	201.299	95.31	9.531	19.19
20080610	9	201.899	120.03	12.003	24.23
20080610	10	202.350	162.67	16.267	32.92
20080610	11	202.199	183.38	18.338	37.08
20080610	12	202.500	183.35	18.335	37.13
20080610	13	202.049	180.96	18.096	36.56
20080610	14	202.350	250.19	25.019	50.63
20080610	15	201.899	207.66	20.766	41.93
20080610	16	202.049	204.60	20.460	41.34
20080610	17	202.049	218.20	21.820	44.09
20080610	18	201.749	174.54	17.454	35.21
20080610	19	201.749	183.33	18.333	36.99
20080610	20	201.899	132.59	13.259	26.77
20080610	21	202.350	165.58	16.558	33.51
20080610	22	202.049	126.73	12.673	25.61
20080610	23	201.749	97.93	9.793	19.76
20080610	24	202.200	109.09	10.909	22.06
20080611	1	202.049	119.26	11.926	24.10
20080611	2	202.350	115.25	11.525	23.32
20080611	3	202.350	104.19	10.419	21.08
20080611	4	202.200	102.73	10.273	20.77
20080611	5	202.199	98.63	9.863	19.94
20080611	6	201.599	98.68	9.868	19.89
20080611	7	201.749	130.95	13.095	26.42
20080611	8	201.599	150.71	15.071	30.38
20080611	9	201.899	108.75	10.875	21.96
20080611	10	201.599	132.14	13.214	26.64
20080611	11	201.899	179.52	17.952	36.24
20080611	12	201.899	165.61	16.561	33.44
20080611	13	201.899	140.66	14.066	28.40
20080611	14	201.749	164.07	16.407	33.10
20080611	15	201.899	199.86	19.986	40.35
20080611	16	201.899	179.55	17.955	36.25
20080611	17	201.599	212.62	21.262	42.86
20080611	18	201.300	164.51	16.451	33.12
20080611	19	201.150	170.70	17.070	34.34
20080611	20	201.150	162.03	16.203	32.59
20080611	21	201.449	159.73	15.973	32.18
20080611	22	201.299	138.69	13.869	27.92
20080611	23	201.150	96.88	9.688	19.49
20080611	24	201.449	91.53	9.153	18.44
20080612	1	201.299	100.11	10.011	20.15

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	\$/KWH	ENERGY PAYMENT
20080612	2	201.150	100.43	10.043	20.20
20080612	3	201.449	65.34	6.534	13.16
20080612	4	201.300	59.93	5.993	12.06
20080612	5	201.449	76.03	7.603	15.32
20080612	6	188.100	96.27	9.627	18.11
20080612	7	301.949	113.07	11.307	34.14
20080612	8	300.600	123.38	12.338	37.09
20080612	9	299.249	99.27	9.927	29.71
20080612	10	298.350	97.21	9.721	29.00
20080612	11	297.899	121.91	12.191	36.32
20080612	12	297.449	123.02	12.302	36.59
20080612	13	296.850	118.19	11.819	35.08
20080612	14	296.249	110.09	11.009	32.61
20080612	15	295.949	112.34	11.234	33.25
20080612	16	295.650	111.54	11.154	32.98
20080612	17	295.499	111.96	11.196	33.08
20080612	18	295.199	112.78	11.278	33.29
20080612	19	294.899	106.61	10.661	31.44
20080612	20	294.599	95.51	9.551	28.14
20080612	21	294.449	103.63	10.363	30.51
20080612	22	294.150	109.89	10.989	32.32
20080612	23	294.150	93.58	9.358	27.53
20080612	24	293.999	56.05	5.605	16.48
20080613	1	293.699	87.96	8.796	25.83
20080613	2	293.700	94.07	9.407	27.63
20080613	3	293.549	49.79	4.979	14.62
20080613	4	293.249	57.10	5.710	16.74
20080613	5	293.249	92.88	9.288	27.24
20080613	6	292.949	102.80	10.280	30.12
20080613	7	292.500	73.75	7.375	21.57
20080613	8	292.500	90.99	9.099	26.61
20080613	9	292.350	94.25	9.425	27.55
20080613	10	292.350	98.06	9.806	28.67
20080613	11	292.350	103.29	10.329	30.20
20080613	12	291.899	109.82	10.982	32.06
20080613	13	292.049	109.35	10.935	31.94
20080613	14	291.899	99.99	9.999	29.19
20080613	15	291.899	109.18	10.918	31.87
20080613	16	291.749	128.39	12.839	37.46
20080613	17	291.449	142.92	14.292	41.65
20080613	18	291.599	147.91	14.791	43.13
20080613	19	291.449	134.07	13.407	39.07
20080613	20	291.599	97.94	9.794	28.56
20080613	21	291.449	93.64	9.364	27.29
20080613	22	291.300	104.08	10.408	30.32
20080613	23	291.299	96.99	9.699	28.25
20080613	24	291.299	109.83	10.983	31.99
20080614	1	291.000	110.91	11.091	32.27
20080614	2	291.000	108.11	10.811	31.46
20080614	3	290.699	127.40	12.740	37.04
20080614	4	290.699	110.88	11.088	32.23
20080614	5	290.549	108.83	10.883	31.62
20080614	6	290.249	58.85	5.885	17.08
20080614	7	290.249	95.21	9.521	27.63
20080614	8	289.949	92.10	9.210	26.70
20080614	9	290.099	126.74	12.674	36.77
20080614	10	290.099	155.58	15.558	45.13
20080614	11	290.249	166.78	16.678	48.41
20080614	12	290.399	355.90	35.590	103.35
20080614	13	290.249	264.66	26.466	76.82
20080614	14	289.949	149.47	14.947	43.34
20080614	15	290.099	162.06	16.206	47.01
20080614	16	289.500	180.33	18.033	52.21

#040 Lochmere Dam

DATE	HOUR	TOTAL KWH SOLD	ISO CLEARING PRICE \$(MWH)	ENERGY PAYMENT
20080614	17	289.650	148.23	42.93
20080614	18	289.500	97.04	28.09
20080614	19	288.749	108.15	31.23
20080614	20	288.899	132.78	38.36
20080614	21	288.599	112.66	32.51
20080614	22	288.449	109.38	31.55
20080614	23	288.150	150.10	43.25
20080614	24	288.150	180.55	52.03
20080615	1	287.850	137.86	39.68
20080615	2	288.000	139.86	40.28
20080615	3	287.850	126.80	36.50
20080615	4	287.700	98.95	28.47
20080615	5	287.699	116.44	33.50
20080615	6	287.249	138.34	39.74
20080615	7	286.949	92.83	26.64
20080615	8	287.099	73.87	21.21
20080615	9	286.800	83.81	24.04
20080615	10	286.650	115.33	33.06
20080615	11	286.350	127.55	36.52
20080615	12	286.049	117.90	33.73
20080615	13	285.899	109.58	31.33
20080615	14	285.749	94.70	27.06
20080615	15	285.449	107.04	30.55
20080615	16	285.299	106.81	30.47
20080615	17	284.850	127.50	36.32
20080615	18	284.549	113.15	32.20
20080615	19	284.399	128.07	36.42
20080615	20	284.099	112.58	31.98
20080615	21	283.949	104.42	29.65
20080615	22	283.799	101.41	28.78
20080615	23	283.799	86.66	24.59
20080615	24	283.499	77.67	22.02
20080616	1	283.350	80.30	22.75
20080616	2	283.049	76.50	21.65
20080616	3	282.749	47.98	13.57
20080616	4	282.599	36.53	10.32
20080616	5	282.150	35.24	9.94
20080616	6	282.000	65.94	18.60
20080616	7	281.399	87.87	24.73
20080616	8	281.099	93.00	26.14
20080616	9	280.650	94.05	26.40
20080616	10	280.650	96.61	27.11
20080616	11	280.500	99.23	27.83
20080616	12	280.199	102.87	28.82
20080616	13	280.049	102.42	28.68
20080616	14	279.599	117.84	32.95
20080616	15	279.300	116.54	32.55
20080616	16	279.150	101.87	28.44
20080616	17	278.850	94.06	26.23
20080616	18	278.549	94.49	26.32
20080616	19	278.399	95.46	26.58
20080616	20	278.249	92.55	25.75
20080616	21	277.649	85.16	23.64
20080616	22	277.800	56.04	15.57
20080616	23	277.200	45.91	12.73
20080616	24	277.049	44.85	12.43

Total Energy
217741.303Energy Payment
\$21,568.32

ALGONQUIN POWER

2845 Bristol Circle,
Oakville, Ontario, L6H 7H7
Tel 905-465-4500; Fax 905-465-4500

Via E-mail

Date: June 23, 2008

File: 706.7.3

From: Doina Tomescu
Algonquin Power Systems Inc.
Tel: (905) 465-4532 Fax: (905) 465-4514

To: Danielle Martineau
Public Service of New Hampshire
Fax: (603) 634-2449

Re: LOCHMERE G.S. (PSNH #040)

Total Pages: (2)

Dear Danielle:

Please find enclosed the approved invoice for the period of May 17, 2008 through Jun 16, 2008 for the above mentioned generating station. The original will be forwarded by mail to your attention.

Should you have any questions/concerns regarding the above, please contact the undersigned at (905) 465-4532, at your earliest convenience.

Best regards,
Doina Tomescu

Average Rate from ISO for the month

Average ISO rates for New Hampshire

\$0.09901

	Site	Batch #3	Rate as per our Estimate	Estimated Capacity \$	Amount to be received as per estimation	PSNH Statement Reading	Rate Paid on Statement	Actual Capacity \$	Revenue
601	Clement								
602	Gregg's								
604	Pembroke								
605	River Bend								
606	Stevens Mill								
608	Milton								
609	Mine Falls								
705	Lakeport								
706	Lochmere	200,400	\$0.06100	\$2,981.82	\$15,206.22	217,741	\$0.09910	\$2,981.82	\$24,550.14

Jun PSNH Inv.

CLEM	\$ 6,981.82
GREG	\$ 9,600.00
PEMB	\$ 7,563.63
RIVE	\$ 5,207.27
STEV	\$ 654.55
MILT	\$ 4,392.73
MINE	\$ 8,727.27
LAKE	\$ 2,094.54
LOCH	\$ 2,981.82

**April
2008 Capacity**

Doina Tomescu

From: Doina Tomescu
Sent: June 23, 2008 4:55 PM
To: 'martide@nu.com'
Subject: B3 - Lochmere Jun 2008
Attachments: 0854_001.pdf

Hi Danielle,
Please see attached.

Best regards,
Doina Tomescu
Algonquin Power
Phone: (905) 465-4532

Attachment A

Contract for the Purchase and
Sale of Electric Energy

Hydroelectric Development, Inc.-
NH - PSNH

Dated August 5, 1983

PSNH INTERCONNECTION REPORT FOR

CUSTOMER GENERATION

Lochmere Hydro

SESD SITE NO. 040

INDEX

I. INTRODUCTION

II. DESCRIPTION OF MAJOR COMPONENTS

III. PSNH REQUIREMENTS - GENERAL

- A. SAFETY CONSIDERATIONS
- B. SERVICE QUALITY CONSIDERATIONS
- C. METERING CONSIDERATIONS

IV. PSNH REQUIREMENTS - SPECIFIC

- A. SYSTEM CONFIGURATION AND PROTECTION
- B. SYSTEM METERING
- C. PRIMARY INTERCONNECTION
- D. SYSTEM OPERATION

V. PSNH PRICE ESTIMATES

- A. SYSTEM PROTECTION
- B. SYSTEM METERING
- C. PRIMARY INTERCONNECTION

VI. INTERCONNECTION EQUIPMENT OWNERSHIP, OPERATION,
AND MAINTENANCE

- A. DELIVERY POINT
- B. DESCRIPTION OF RESPONSIBILITIES

VII. DRAWINGS

- A. PARTIAL ONE-LINE DIAGRAM (SK-PCM-040-1)

I. INTRODUCTION

A study has been performed to determine the impact of this proposed facility on the PSNH system. All technical analysis was based on the equipment listed under Section II, and the facility arrangement illustrated on partial one-line diagram SK-PCM-040-1. Where actual site-specific data was not readily available, estimated or "typical" values were utilized in any required calculations. Any deviation from the listed equipment of the illustrated configuration may have significant safety and/or technical ramifications. Consequently, if changes are anticipated now or in the future, PSNH should be informed immediately so that the requirements and recommendations contained within the report may be revised where necessary. This procedure will ensure that the Developer is informed of PSNH requirements in a timely fashion and should eliminate the delays and expense which could otherwise be experienced by the Developer.

II. DESCRIPTION OF MAJOR COMPONENTS

A. Description Of Facilities

OK
24010
Lochmere Hydro consists of five induction generators all manufactured by Flygt Corporation. The main generator building is located in Tilton, NH, the site of the former "Lochmere Hydro". The dam is NHWRB #21.07. Generator output will be stepped up from 480V to 34,500V and connected to the PSNH system via the 337 line.

Station service will be tapped from the 277/480V side of the generator step up transformer and will be separately metered. Sketch SK-PCM-040-1 shows the basic elements in one line fashion.

B. Electrical Components

1. Generator(s)-Flygt Corp., induction, 300 RPM. 4-250KW, 1-25KW, 480V.
2. Main Breaker - Westinghouse; 3000 A, type PC.
3. Each generator will also have a low voltage breaker for protection and a contactor for switching.
4. Generator Step Up Transformer - 19,920/34,500V Grounded Wye to 277/480V Grounded Wye.
5. Power factor correction capacitors will be used as sized by the generator manufacturer and approved by PSNH.

III. PSNH REQUIREMENTS - GENERAL

A. Safety Considerations

1. The connection of the facility to the PSNH system must not compromise the safety of PSNH's customers, personnel, or the owner's personnel.

2. The generating facility must not have the capability of energizing a de-energized PSNH circuit.
3. An emergency shutdown switch with facility status indicator lights, and a disconnecting device with a visible open shall be made available for unrestricted use by PSNH personnel. The operation of the switch shall cause all of the facility's generation to be removed from service, and shall block all automatic startup of generation until the switch is reset. The status lights, mounted with the shutdown switch, shall be located outdoors at a position acceptable to PSNH operating division personnel. A red light shall indicate that the facility has generation connected to the PSNH system. A green light shall indicate that all generation is disconnected from the PSNH system. The lights shall be driven directly from auxiliary switches located on the facility's generator contactors. The disconnecting device with visible open shall be located between the PSNH system and the facility's generation.
4. The settings for all protective relays required by PSNH will be developed by PSNH.
5. A crew of PSNH relay technicians will apply settings to and verify the proper functioning of those protective systems required by PSNH. This work will be performed at the Developer's expense.
6. The generating facility has full responsibility for ensuring that the protective system and the associated devices are maintained in reliable operating condition. PSNH reserves the right to inspect and test all protective equipment at the interconnecting point whenever it is considered necessary. This inspection may include tripping of the breakers.
7. The short circuit interrupting device(s) must have sufficient interrupting capacity for all faults that might exist. The PSNH system impedance at the facility will be supplied on request.
8. All shunt-tripped short circuit interrupting devices applied to generators must be equipped with reliable power sources. A D.C. battery with associated charging facilities is considered a reliable source.
9. All synchronous generator facilities must be equipped with battery-tripped circuit breakers.
10. Any protection scheme utilizing AC control power must be designed in a fail-safe mode. That is, all protective components must utilize contacts which are closed during normal operating conditions, but which open during abnormal conditions or when control power is lost to de-energize the generator contactor coil. These schemes may be utilized only with non-latching contactors and may not be used with synchronous generators.

11. A complete set of AC and DC elementary diagrams showing the implementation of all systems required by PSNH must be supplied for PSNH review. These drawings should be supplied as soon as possible so that any non-conforming items may be corrected by the Developer without impacting the scheduled completion date of the facility.
12. All voltage transformers driving PSNH-required protection systems must be rated by the manufacturer as to accuracy class, and must be capable of driving their connected burdens with an error not exceeding 1.2 percent.
13. All current transformers driving PSNH-required protection systems must be rated by the manufacturer as to accuracy class and must be capable of driving their connected burdens with an error not exceeding 10 percent.
14. All PSNH-required protective relays, and any other relays which PSNH will be requested to test, must be equipped with test facilities which allow secondary quantity injection and output contact isolation.
15. It is not the policy of PSNH to maintain a stock of protective relays for resale to facility developers. Since many protective devices have delivery times of several months, Developers are strongly advised to order them as soon as possible after PSNH type-approval is received.
16. Protection of the generating facility equipment for problems and/or disturbances which might occur internal or external to the facility is the responsibility of the Developer.
17. No operation of the facility's generation is allowed until all requirements in Sections III and IV of this report have been met, and all systems required therein, are in place, calibrated, and, if applicable, proven functional. This requirement may be waived by PSNH for a given system if generation is required to demonstrate the proper functioning of that system.

B. Service Quality Considerations

1. The connection of the facility to the PSNH system must not reduce the quality of service currently existing on the PSNH system. Voltage fluctuations, flicker, and excessive voltage and current harmonic content are among the service quality considerations. Harmonic limitations should conform to the latest IEEE guidelines and/or ANSI standards.
2. In general, induction generators must be accelerated to "synchronous" speed prior to connection to the PSNH system to reduce the magnitude and duration of accelerating current and resulting voltage drop to PSNH customers to acceptable levels.
3. In general, synchronous generators may not use the "pull-in" method of synchronizing due to excessive voltage drops to PSNH customers.

4. Power factor correction capacitors may be required for some facilities either at the time of initial installation, or, at some later date. The installation will normally be done by the Developer at his expense.
5. Certain facilities having installed capacity similar in magnitude to connected circuit load may require that control modifications be made to tap changers in the electrical vicinity. Should they be necessary, the modification will be made at the Developers' expense.
6. Automatic reclosing of the PSNH circuit after a tripping operation may occur after an appropriate time delay. If voltage blocking of automatic reclosing is required, it will be added at the Developers' expense.

C. Metering Considerations

1. Except for protection/control and metering voltage sensing and generator and/or capacitor contactor supply voltage, all station service AC shall be taken from the station service transformers.

IV. PSNH REQUIREMENTS - SPECIFIC

A. System Configuration and Protection

1. The facility must be arranged and equipped as per partial one line diagram SK-PCM-040-1.
2. The following protective functions must be supplied and connected to automatically trip all generator contactors. These devices must be utility grade as approved by PSNH.

81/0	-	Overfrequency
81/U	-	Underfrequency
27	-	Undervoltage
59	-	Oversvoltage
32	-	Reverse Power

3. The facility generator stepup transformer (GSU) must have a GR.WYE-GR.WYE winding configuration.
4. A three-phase high side airbreak will be required.
5. All generator windings will be connected ungrounded wye.

B. System Metering

1. The facility must be equipped with the metering system as shown on partial one line diagram SK-PCM-040-1.
2. The metering must consist of the following components (or approved equivalent):

- 3 - Current transformers, 800/5, 600 volt insulation class, 0.3 accuracy class at standard burdens 0.1, 0.2 and 0.5, Astra type AP, Model AP8 or equivalent.
- 2 - Voltage transformers, 300/120, 0.3 accuracy class at standard burdens W, X, M and Y, Astra type DA, Model DA2.5 or equivalent.
- 1 - Watthour demand meter, form 6S, 120V, 2.5 amperes, class 10, equipped with demand register with 60 minute reset, and auxiliary detent, General Electric cat. no. 700X025G787 or equivalent.
- 1 - Meter socket, thirteen terminal with provisions for test switch, Anchor cat. no. TSS-13-2-PS-HO or equivalent.
- 1 - Test switch, 10 pole, Meter Devices cat. no. A1898-C or equivalent.

Notes:

1. The developer is responsible for purchasing and installing the meter equipment.
2. Any equipment provided by the Developer that is being supplied as an equivalent to that listed above shall be specifically approved by PSNH.
3. The watthour meter will be calibrated slow by a percentage representing transformer losses in lieu of installing compensators or primary metering.

C. Primary Interconnection

A three-phase airbreak switch will be required at the interface with the PSNH system. Fuses will be used to protect the PSNH system from transformer failure.

D. System Operation

PSNH has voltage limits as ordered by the Public Utilities Commission. Although no voltage problems are now anticipated under normal conditions, rare contingencies may require generation output to be limited.

V. PSNH PRICE ESTIMATES

The following estimates for labor, materials, and overheads are supplied as an aid to the Developer for financial planning purposes. Should the Developer elect to have PSNH perform any of the work described in the estimates, he will ultimately be billed for the full actual cost of any work performed.

Authorization for PSNH to perform any of the work or supply any of the equipment described below must be forwarded to the Manager-Supplementary Energy Sources Department along with a minimum payment covering 50% of the estimated labor and materials cost. PSNH will neither perform work nor order materials until this requirement has been met.

A. System Protection

1. Materials - All system protection equipment is being provided by the Developer.
2. Estimated cost to test relays and to do trip tests

SUBTOTAL \$ 800.00

3. Estimated Developer's expense for PSNH to modify controls and add reverse power detection at Laconia Substation.

Subtotal \$3,300.00

B. System Metering

PSNH will test the meter, wire the instrument transformer secondaries and meter socket, perform a connection verification analysis, and provide overall supervision of the metering installation.

Estimated cost Subtotal \$ 350.00

C. Primary Interconnection

Public Service will provide the following services:

1. Provide and install a new pole approximately 20' away from existing pole #144 for the mounting of the S & C Switch and fusing by others.
2. Install the bus from pole #144 to the S & C Switch.
3. Provide & install the 1/0 aluminum 35 kV cable in conduit (by others), the terminations, and make all electrical connections at both ends of the cable.
4. Provide and install ground mat for switch at new pole and make electrical connections. Earth excavation for ground mat by others.
5. Make electrical connections to arresters provided and mounted by others.

Subtotal \$3,200.00

GRAND TOTAL \$7,650.00

VI. Interconnection Equipment Ownership, Operation, and Maintenance

Delivery Point

For the purpose of establishing ownership, operation, and maintenance responsibilities, the location of facility energy delivery to PSNH (the "Delivery Point") must be defined. At this facility the delivery point is located at the point where the tap to the three phase airbreak is connected to PSNH line 337.

Description of Responsibilities

The Developer is responsible for owning, maintaining and operating all equipment from the Delivery Point into and throughout the generating plant, except the KWH metering for station service which will be owned and maintained by PSNH.

VII. Drawings

Attached is PSNH sketch SK-PCM-040-1.

P. C. Martin
November 7, 1984

PT. L. DATE 14.7.97
CHKD. BY DATE

SUBJECT LUNCHERKE HYDRO
LEEP #040
SK-PCM-OHD-1

SHEET NO. 1 OF 1
JOB NO.

